

AMENDMENT TO THE CLAIMS

Please amend the presently pending claims as follows:

1. (Currently Amended) A method for access, by at least one client terminal connected to a first communication network, to the data and/or services of a server terminal connected to a second communication network, wherein said first and second networks can cohabit or form a single network, wherein said server terminal is a mobile terminal, and said method includes at least the following steps:

- initialization of a communication session by the client terminal with the mobile server terminal, said initialization step comprising a step of transmission by a first public proxy server of a request to initialize a communication session to a second private proxy server belonging to the second communication network in the form of an access request signal, wherein said access request signal transmitted by said client terminal is of the type belonging to the group comprising at least:

- an SMS message; and
- an e-mail message;

and wherein said access request signal includes a list of predetermined parameters;

- establishment of the communication session by opening a direct communication tunnel between the client terminal and the mobile server terminal, wherein the direct communication tunnel allows the client terminal and the mobile server terminal to communicate in a point-to-point mode;

so that said client terminal can consult information made available by the mobile server terminal and/or the client terminal can use and/or interact with all or some of the services of the mobile server terminal.

2. (Previously Presented) The method for access according to claim 1, wherein said second communication network comprises a wireless mobile communication network accessible through

a security firewall.

3. (Previously Presented) The method for access according to claim 1, wherein said communication initialization step includes at least the following series of steps:

- step A: sending a first TCP (Transmission Control Protocol) request from the client terminal to a domain name server;
- step B: reception by the client terminal of a response to the first request, which contains at least one set of predetermined parameters for connection to a first public proxy server belonging to the first communication network;
- step C: connection of the client terminal to the first public proxy server, by means of predetermined parameters, such as the IP address and/or communication port number;
- step D: transmission by the first public proxy server of a request to initialise a communication session to a second private proxy server belonging to the second communication network in the form of an access request signal;
- step E: sending a second TCP connection request by the second private proxy server, to a predetermined communication port of the mobile server terminal;
- step F: transmission by the mobile server terminal of an acknowledgement of the second TCP connection request to the second private proxy server;
- step G: sending a third TCP connection request by the second private proxy server to a predetermined communication port of the first public proxy server;
- step H: transmission by the first public proxy server of an acknowledgement of the third TCP connection request to the second private proxy server;
- step I: transmission by the first public proxy server of an acknowledgement of the first TCP connection request to the client terminal;

so as to initiate said communication session and establish the opening of said direct communication tunnel between the client terminal and the mobile server terminal, wherein said tunnel passes through said security firewall.

4. (Canceled)

5. (Currently Amended) The method for access according to claim 1, wherein said list of predetermined parameters includes at least parameters of the type belonging to the group including at least:

- an IP address for identification of the first public proxy server at the origin of the access request signal;
- a communication port number for additional identification of the first public proxy server at the origin of the access request signal; and
- at least one key for securing the communication initialization request step.

6. (Currently Amended) The method for access according to claim 1, wherein said list of predetermined parameters includes at least one parameter corresponding to a unique call number of the second server terminal, when said access request signal comprises an SMS message, and/or corresponding to the type of the communication tunnel security protocol.

7. (Currently Amended) The method for access according to claim 1, wherein said list of predetermined parameters includes at least one parameter corresponding to an e-mail address of said second server terminal, when said access request signal is of the e-mail message type.

8. (Previously Presented) The method for access, according to claim 5, wherein said security key is a negotiation and/or encryption key.

9. (Previously Presented) The method for access according to claim 1, wherein said communication tunnel established between said client terminal and said mobile server terminal includes http-type authentication means.

10. (Previously Presented) The method for access according to claim 1, wherein said

communication tunnel established between said client terminal and said mobile server terminal includes secure data transmission means of the type using at least:

- an IPSEC protocol; and
- a communication tunnel encryption protocol.

11. Cancelled.

12. (Previously Presented) The method of claim 1 and further comprising performing the steps of claim 1 in a field belonging to the group including at least:

- wireless applications using Web services;
- on-board telemedicine applications enabling a physician to regularly access a mobile telephone serving as a mobile server terminal, so as to access and monitor the data of a patient, who is the owner of said mobile telephone;
- distributed interactive applications of the type including at least:
  - distributed games;
  - on-board collaborative work applications on communicating mobile terminals.

13. (Currently Amended) A client terminal for communication and/or radiocommunication between with at least one mobile server terminal, wherein the client terminal comprises:

means for initializing a communication session by the client terminal with the mobile server terminal, said means for initializing comprising means of transmission by a first public proxy server belonging to a first communication network of a request to initialize a communication session to a second private proxy server belonging to a second communication network in the form of an access request signal, wherein said access request signal transmitted by said client terminal is of the type belonging to the group including at least:

- an SMS message; and
- an e-mail message;

and wherein said access request signal includes a list of predetermined parameters; and  
means for establishing the communication session by opening a direct communication  
tunnel between the client terminal and the mobile server terminal, wherein the  
direct communication tunnel allows the client terminal and the mobile server  
terminal to communicate in a point-to-point mode;  
so that said client terminal can consult information made available by the mobile server terminal  
and/or the client terminal can use and/or interact with all or some of the services of the mobile  
server terminal.

14. (Currently Amended) A mobile server terminal for communication and/or  
radiocommunication between with at least one client terminal, wherein the mobile server  
terminal comprises:

means for receiving a request from the client terminal to initialize a communication  
session between the client terminal and the mobile server terminal, said request  
being received from the client terminal through a first public proxy server  
belonging to a first communication network to initialize a communication session  
to a second, private proxy server belonging to a second communication network,  
the request being transmitted by the client terminal in the form of an access  
request signal, which is of the type belonging to the group including at least:

- an SMS message; and
- an e-mail message;

and wherein said access request signal includes a list of predetermined parameters;  
and

means for establishing the communication session by opening a direct communication  
tunnel between the client terminal and the mobile server terminal, wherein the  
direct communication tunnel allows the client terminal and the mobile server  
terminal to communicate in a point-to-point mode;  
so that said mobile server makes available to said client terminal information from the mobile

server terminal and/or permits the client terminal to use and/or interact with all or some services of the mobile server terminal.